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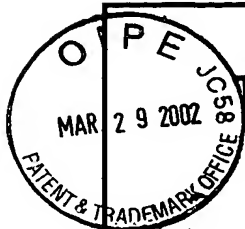
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TRANSMITTAL FORM


(to be used for all correspondence after initial filing)

		Application Number	10/008,574
		Filing Date	October 26, 2001
		First Named Inventor	Hu
		Group Art Unit	1645
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	9	Attorney Docket Number	LEX-0264-USA

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Signature	<i>Lance K. Ishimoto by Robert S. Regus</i>	
Date	03/22/02	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hu and Nepomnichy

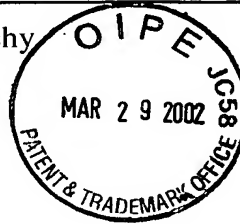
Application No.: 10/008,574

Filed: October 26, 2001

Title: Novel Human 7TM Proteins and
Polynucleotides Encoding the Same

Group Art Unit: 1645

Examiner: Not Yet Assigned



Attorney Docket No.: LEX-0264-USA

Assistant Commissioner for Patents
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It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

03/22/07
Date

Lance K. Ishimoto by Atty. [Signature] ^{Reg. No. 41,866}
Lance K. Ishimoto

LEXICON GENETICS INCORPORATED
(281) 863-3333



24231

PATENT TRADEMARK OFFICE



24231

PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Hu and Nepomnichy

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Respectfully submitted,

03/22/07
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Lance K. Ishimoto by ALGSP ^{Reg. No. 41,866}
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/008,574	
		Filing Date	October 26, 2001	
		First Named Inventor	Hu	
		Group Art Unit	1645	
		Examiner Name	Not Yet Assigned	
Sheet	1	4	Attorney Docket Number	LEX-0264-USA

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
	AA	4,215,051		Schroeder et al	07/29/80
	AB	4,376,110		David et al	03/08/83
	AC	4,594,595		Struckman	06/10/86
	AD	4,631,211		Houghten	12/23/86
	AE	4,683,195		Mullis et al.	7/28/87
	AF	4,683,202		Mullis	07/28/87
	AG	4,689,405		Frank et al	08/25/87
	AH	4,713,326		Dattagupta et al	12/15/87
	AI	4,800,159		Mullis et al.	1/24/89
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	AK	4,946,778		Ladner et al	08/07/90
	AL	5,075,217		Weber	12/24/91
	AM	5,252,743		Barrett et al	10/12/93
	AN	5,272,057		Smulson et al.	12/21/93
	AO	5,283,173		Fields et al.	2/1/94
	AP	5,364,759		Caskey et al.	11/15/94
	AQ	5,424,186		Fodor et al	06/13/95
	AR	5,445,934		Fodor et al	08/29/95
	AS	5,459,127		Felgner et al	10/17/95
	AT	5,468,614		Fields et al.	11/21/95
	AU	5,491,084		Chalfie et al.	02/13/96
	AV	5,556,752		Lockhart et al	09/17/96
	AW	5,625,048		Tsien et al	04/29/97
	AX	5,667,973		Fields et al.	9/16/97
	AY	5,700,637		Southern	12/23/97
	AZ	5,723,323		Kauffman et al.	03/03/98
	BA	5,744,305		Fodor et al	04/28/98
	BB	5,777,079		Tsien et al.	07/07/98
	BC	5,795,737		Seed et al.	08/18/98
	BD	5,804,387		Cormack et al.	09/08/98
	BE	5,830,721		Stemmer et al	11/03/98
	BF	5,837,458		Minshull et al	11/17/98
	BG	5,869,336		Meyer et al.	02/09/99
	BH	5,874,304		Zolotukhin et al.	02/23/99

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			Filing Date	October 26, 2001
			First Named Inventor	Hu
			Group Art Unit	1645
			Examiner Name	Not Yet Assigned
			Attorney Docket Number	LEX-0264-USA
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U.S. PATENT DOCUMENTS						
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	BI	5,877,397		Lonberg et al	03/02/99	
	BJ	5,891,720		Moore et al.	04/06/99	
	BK	5,942,416		Bergsma et al.	08/24/99	
	BL	5,948,767		Scheule et al.	09/07/99	
	BM	5,968,750		Zolotukhin et al.	10/19/99	
	BN	5,976,796		Szalay et al.	11/2/99	
	BO	6,020,192		Muzyczka et al.	02/01/00	
	BP	6,027,881		Pavakis et al.	02/22/00	
	BQ	6,054,321		Tsien et al.	04/25/00	
	BR	6,075,181		Kucherlapati et al	06/13/00	
	BS	6,096,865		Michaels	08/01/00	
	BT	6,110,490		Thierry	08/29/00	
	BU	6,146,826		Chalfie et al.	11/14/00	
	BV	6,150,584		Kucherlapati et al.	11/21/00	
	BW	6,172,188		Thastrup et al.	01/09/01	
	BX	6,265,548		Pavakis et al.	06/24/01	

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	BZ	Askew et al, 1989, "Molecular Recognition with Convergent Functional Groups, 6. Synthetic and Structural Studies with a Model Receptor for Nucleic Acid Components", J. Am. Chem. Soc. 111:1082-1090.		
	CA	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.		
	CB	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.		
	CC	Butler, 1981, "The Amplified ELISA: Principles of and Applications for the Comparative Quantitation of Class and Subclass Antibodies and the Distribution of Antibodies and Antigens in Biochemical Separates", Methods in Enzymology 73:482-523.		

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	CD	Chien et al, 1991, "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest", Proc. Natl. Acad. Sci. USA 88:9578-9582.	
	CE	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.	
	CF	Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physiochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.	
	CG	Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229.	
	CH	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.	
	CI	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.	
	CJ	Houghten et al, 1991, "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery", Nature 354:84-86.	
	CK	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.	
	CL	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.	
	CM	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.	
	CN	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.	
	CO	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.	
	CP	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.	
	CQ	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.	
	CR	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.	
	CS	Lam et al, 1991, "A new type of synthetic peptide library for identifying ligand-binding activity", Nature 354:82-84.	
	CT	Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.	
	CU	Lewis et al, 1989, "Automated site-directed drug design: the formation of molecular templates in primary structure generation", Proc. R. Soc. Lond. B 236:141-162.	
	CV	Lewis and Dean, 1989, "Automated site-directed drug design: the concept of spacer skeletons for primary structure generation", Proc. R. Soc. Lond. B 236:125-140.	
	CW	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.	
	CX	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster apt Gene", Cell 22:817-823.	
	CY	Luo et al, 1997, "Mammalian Two-Hybrid System: A Complementary Approach to the Yeast Two-Hybrid System", BioTechniques 22(2):350-352.	
	CZ	McKinlay et al, 1989, "Rational Design of Antiviral Agents", Annu. Rev. Pharmacol. Toxicol. 29:111-122.	

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Sheet	4	of	4
		Attorney Docket Number	LEX-0264-USA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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	DA	Miyajima et al, 1986, "Expression of murine and human granulocyte-macrophage colony-stimulating factors in <i>S. cerevisiae</i> : mutagenesis of the potential glycosylation sites", The EMBO Journal 5(6):1193-1197.	
	DB	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.	
	DC	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.	
	DD	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.	
	DE	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.	
	DF	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.	
	DG	Platt, K.A. et al, 1994, "Independent Regulation of Adipose Tissue-specificity and Obesity Response of the Adipsin Promoter in Transgenic Mice", The Journal of Biological Chemistry 269(46):28558-28562.	
	DH	Ripka, 1988, "Computers picture the perfect drug", New Scientist 16:54-57.	
	DI	Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.	
	DJ	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.	
	DK	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.	
	DL	Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.	
	DM	Songyang et al, 1993, "SH2 Domains Recognize Specific Phosphopeptide Sequences", Cell 72:767-778.	
	DN	Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	
	DO	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.	
	DP	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.	
	DQ	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.	
	DR	Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.	
	DS	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.	
	DT	Voller et al, 1978, "Enzyme immunoassays with special reference to ELISA techniques", J. Clinical Pathology 31:507-520.	
	DU	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.	
	DV	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.	
	DW	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.	

Examiner Signature	Date Considered
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